

**FIG. 1**

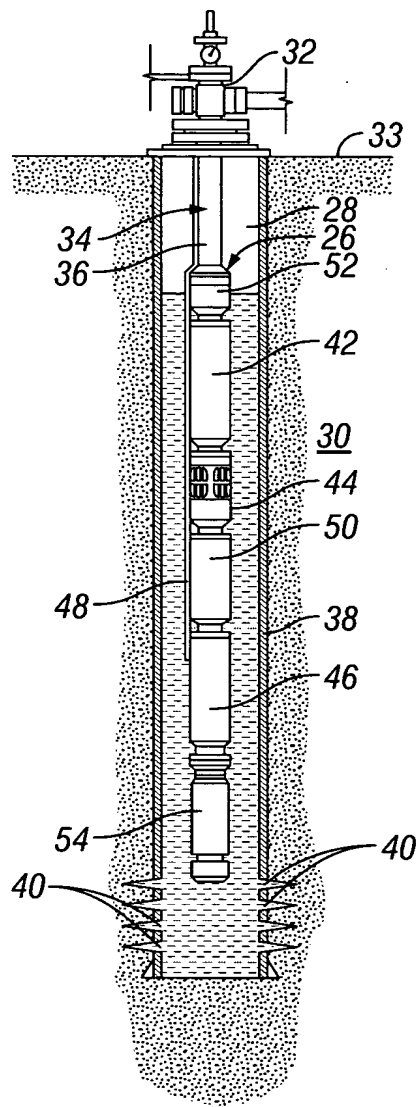


FIG. 2

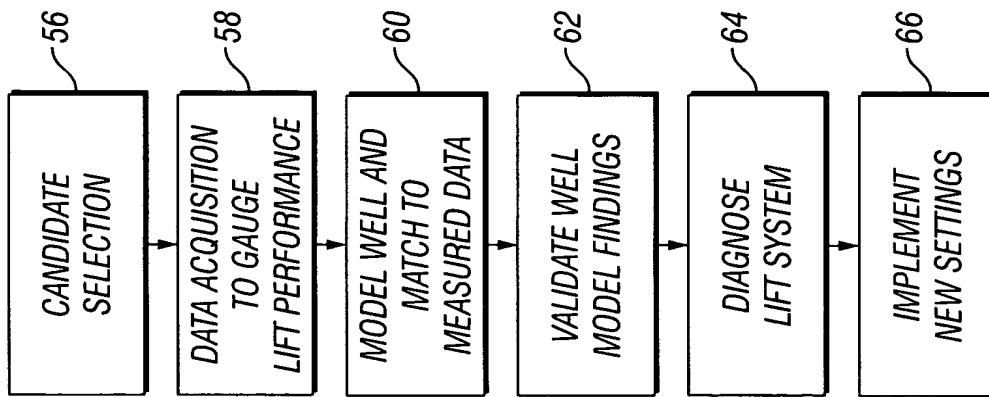


FIG. 3

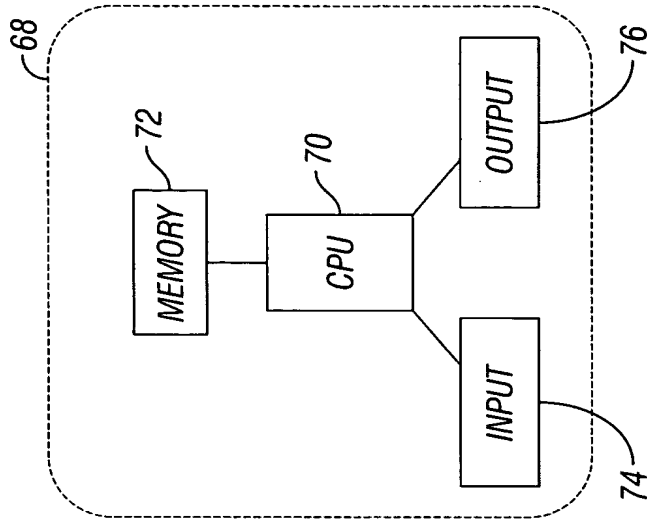


FIG. 4

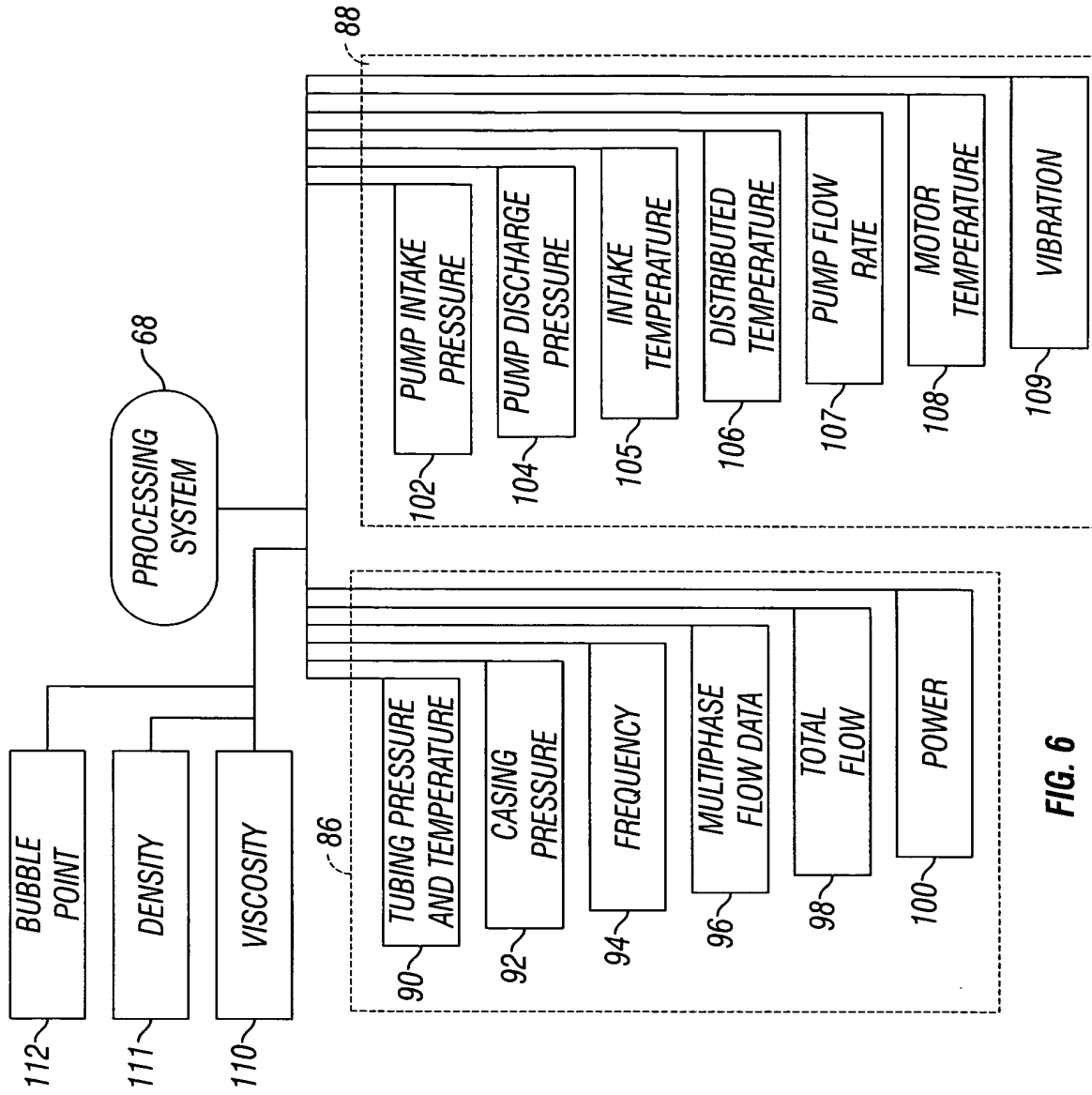


FIG. 6

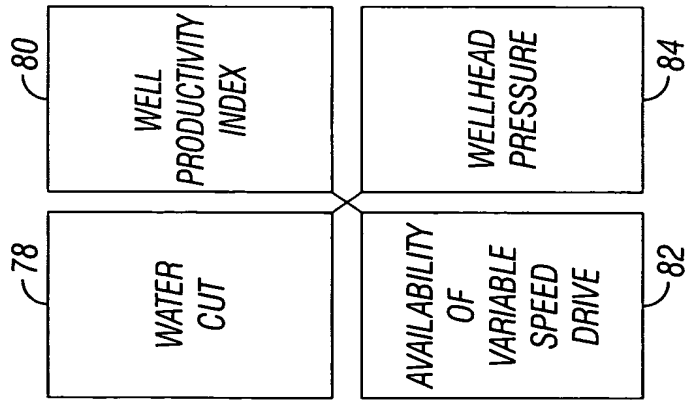


FIG. 5

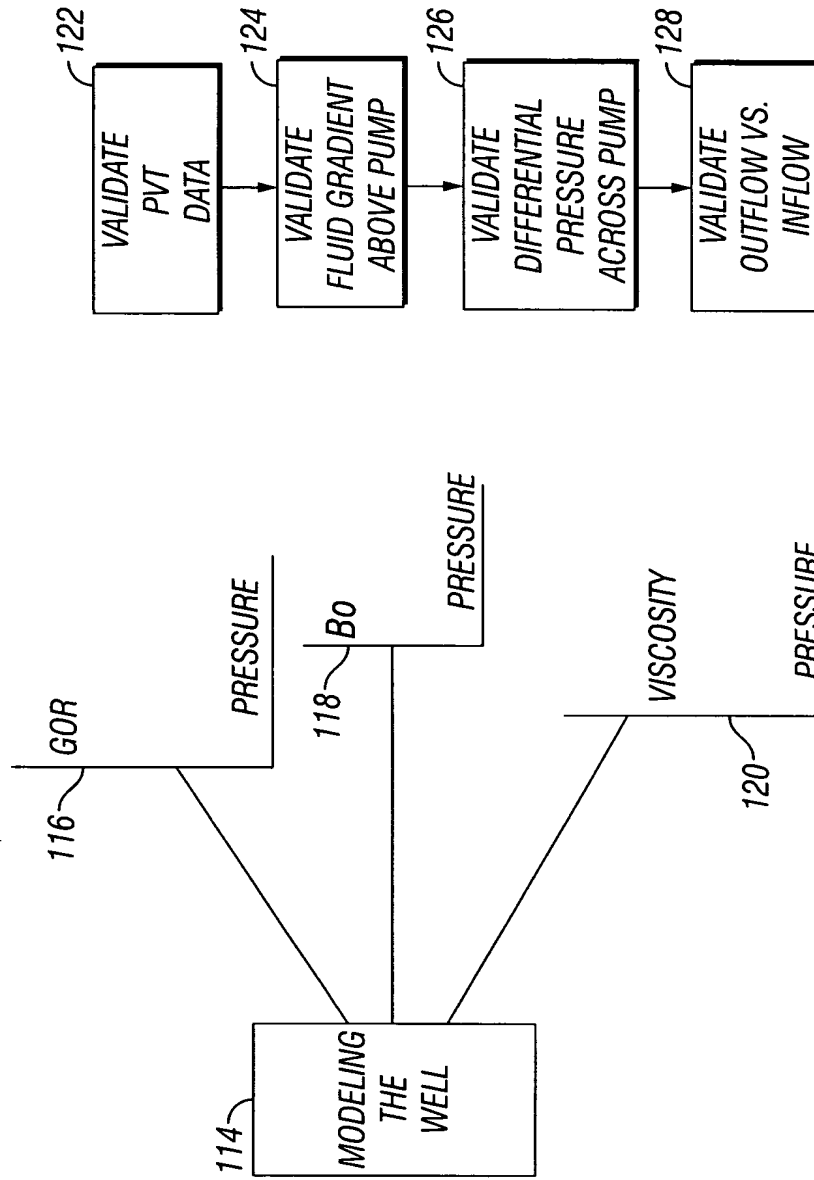


FIG. 8

FIG. 7

DIAGNOSIS

PVT DATA | INFLOW | DIAGNOSIS

BLACK OIL MODEL

OIL GRAVITY

32.6

API

KG/M3

SCF/STB

GAS GRAVITY

1.06

KG/M3

SCF/STB

SOLUTION GOR

405

SCF/STB

SCF/STB

PVT REPORT ATTACHED

220

F

BUBBLE POINT TEMPERATURE

220

F

BUBBLE POINT PRESSURE

1800

PSIG

FORMATION VOLUME FACTOR

1.283

RB/STB

OIL VISCOSITY

0.635

CP

MEASURED

1800

PSIG

CALCULATED

1799.067

PSIG

1.285

RB/STB

0.631

CP

APPLY

HELP...

GOR GOR PLOT

376 SCF/STB

252

128

750 1500 2250 PSIG

PRESSURE

Bo Bo PLOT

1.38 RB/STB

1.25

1.13

750 1500 2250 PSIG

PRESSURE

VISCOSITY VISC PLOT

1.44 CP

1.13

0.813

750 1500 2250 PSIG

PRESSURE

HELP...

1. GOR VS. PRESSURE
2. Bo VS. PRESSURE
3. VISCOSITY VS. PRESSURE

FIG. 9

7/11

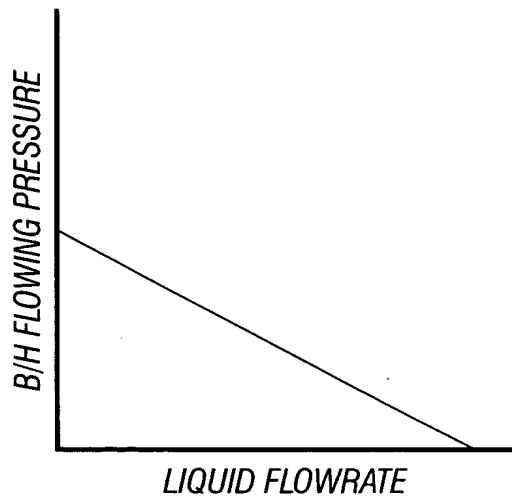


FIG. 10

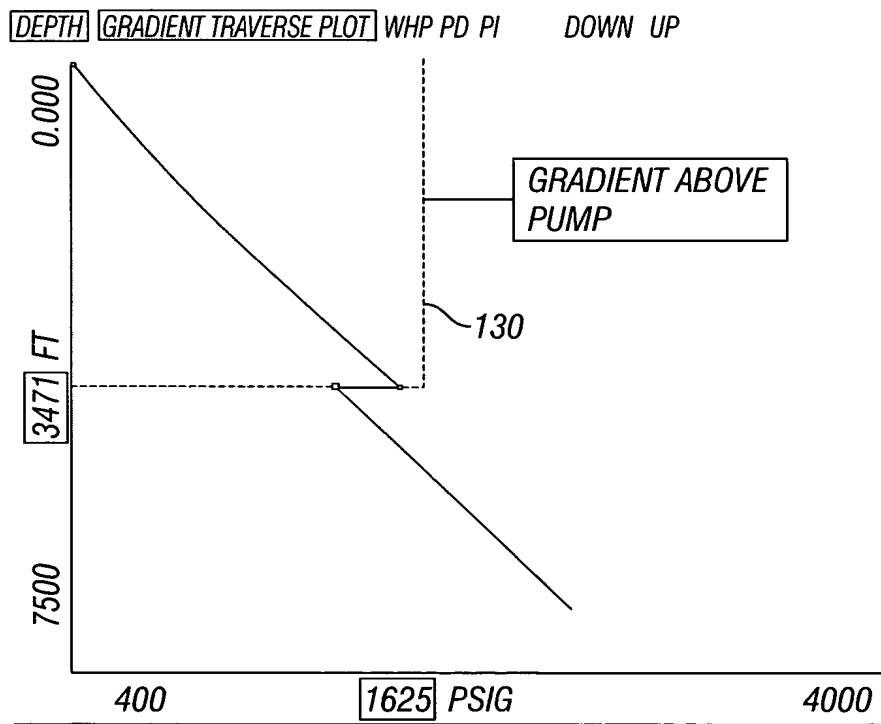


FIG. 11

8/11

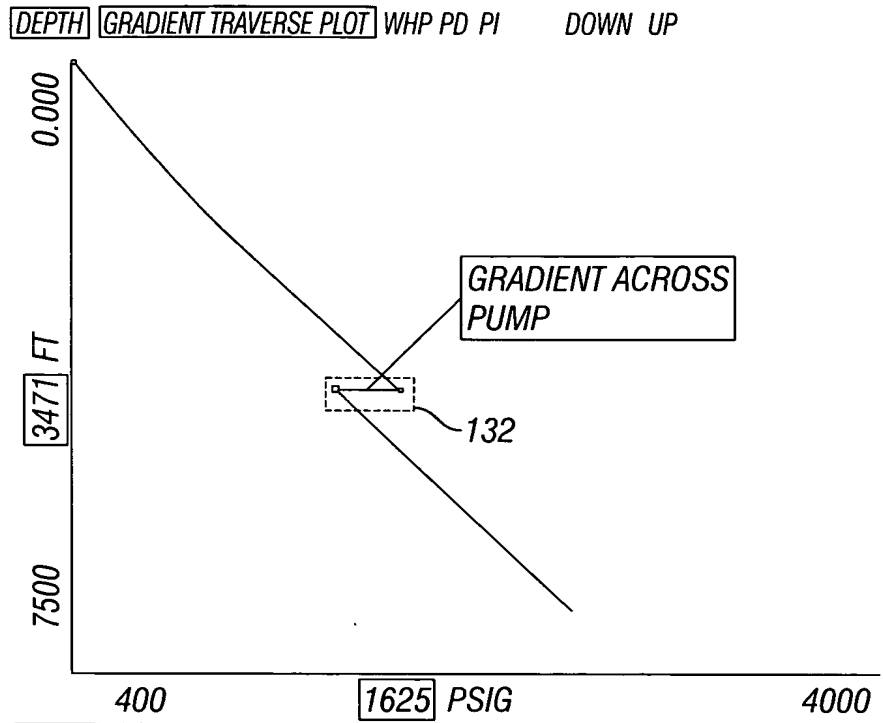


FIG. 12

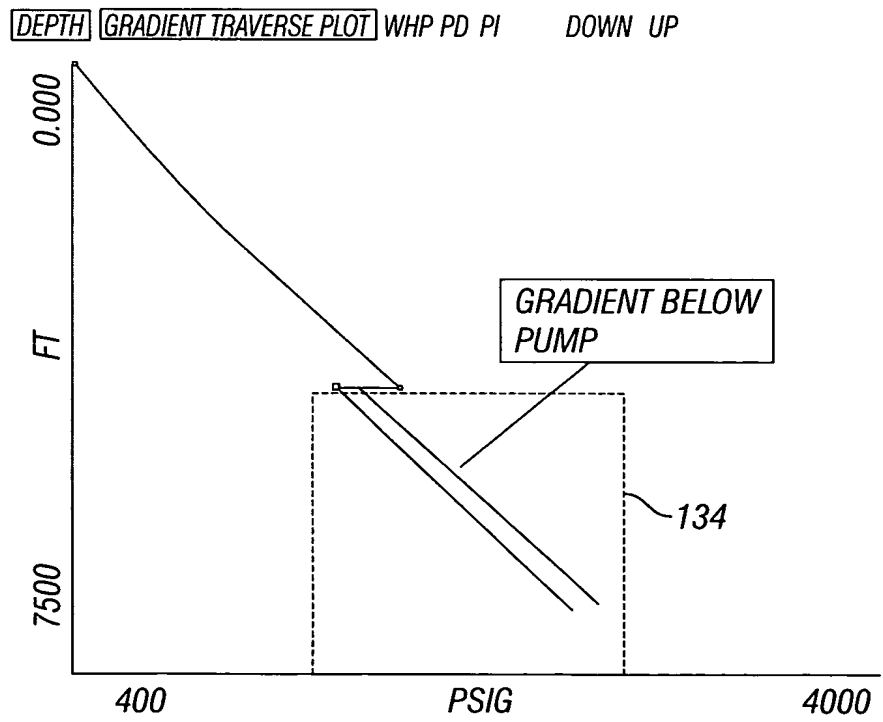
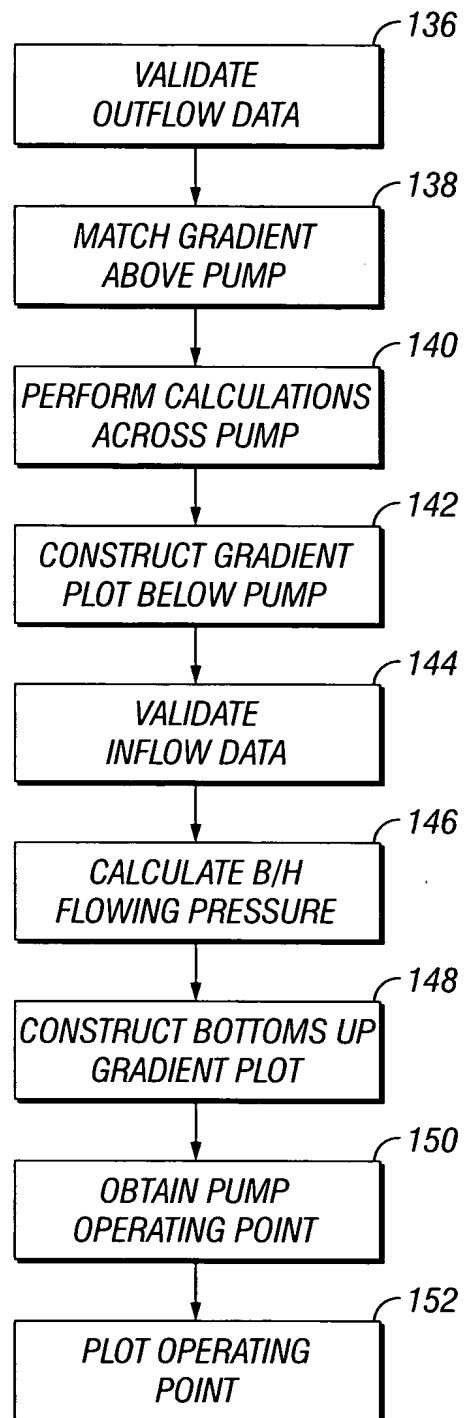


FIG. 13



**9/11**



**FIG. 14**

10/11

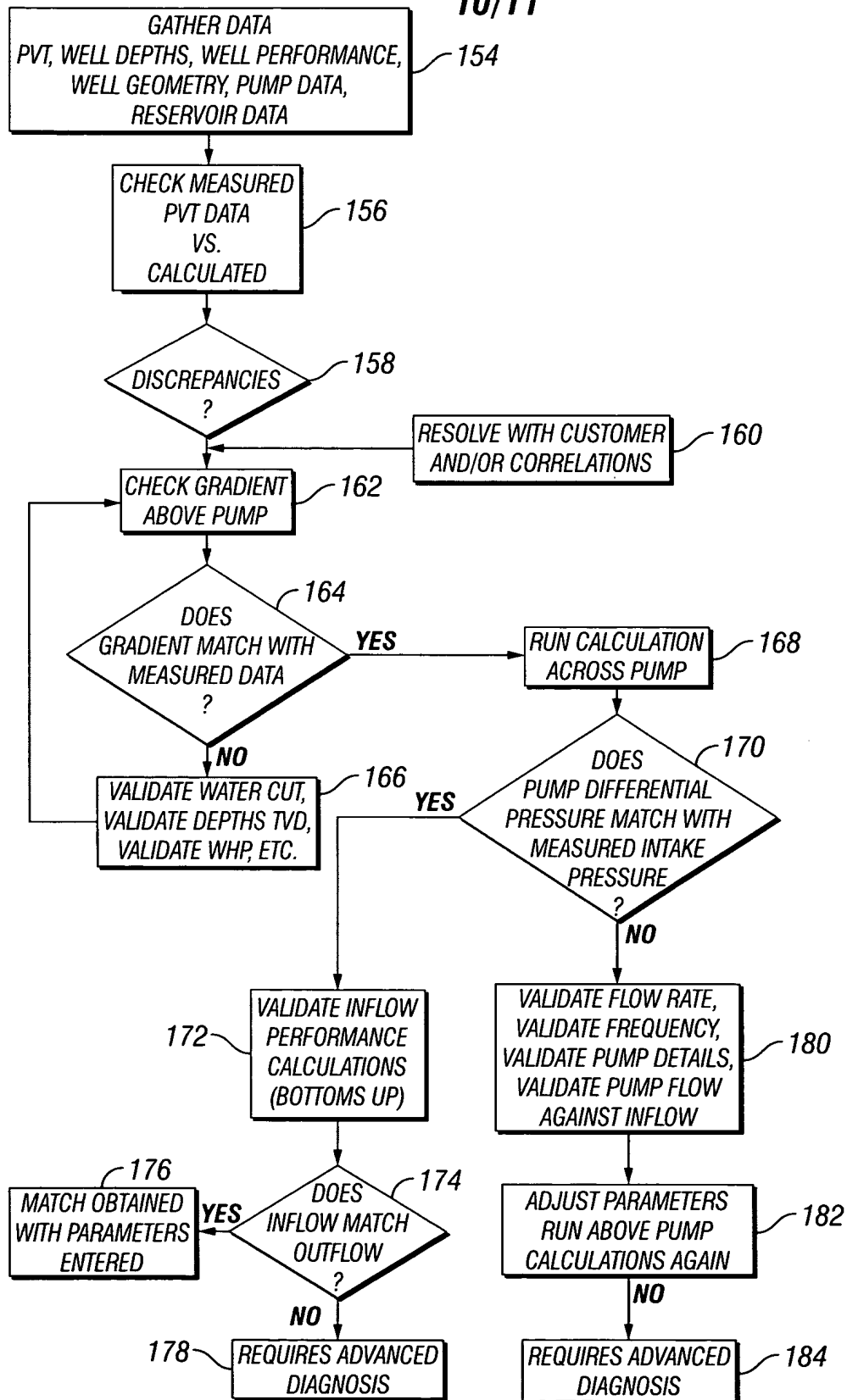
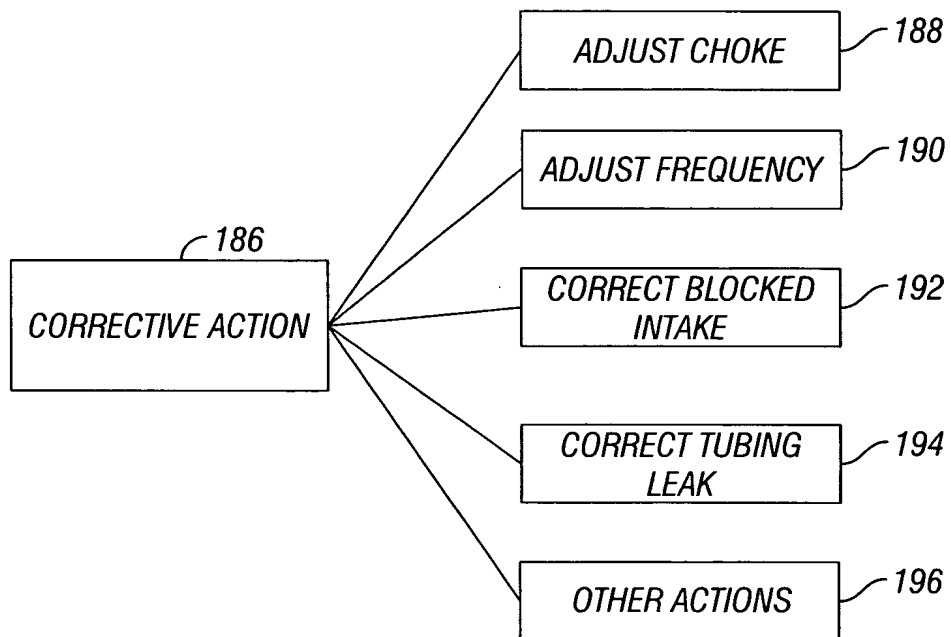


FIG. 15



**FIG. 16**